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**PATENT**  
Attorney Docket No.: 18062G-002020  
Client Reference No.: 99-361-5

On 2-5-04

TOWNSEND and TOWNSEND and CREW LLP

By: Sonda Shaffer

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Jonathan A. Ellman *et al.*

Application No.:

Filed: February 5, 2004

For: METHODS FOR TREATING  
NEURODEGENERATIVE DISORDERS  
USING ASPARTYL PROTEASE  
INHIBITORS

Examiner:

Art Unit:

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached forms PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/534,706, filed March 24, 2000 (Attorney Docket No. 18062G-002010). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

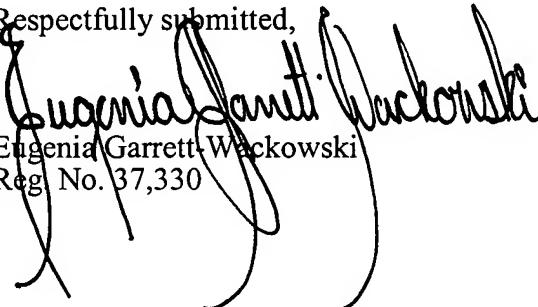
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicants believe that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
Eugenia Garrett Wackowski  
Reg. No. 37,330

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60134548 v1

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>		<i>Complete if Known</i>	
		Application Number	
		Filing Date	February 5, 2004
		First Named Inventor	Ellman, Jonathan A.
		Art Unit	
Examiner Name			
Sheet	1	of	5
		Attorney Docket Number	
		18062G-002020	

**Examiner Signature** \_\_\_\_\_ **Date Considered** \_\_\_\_\_

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	4	AGARWAL <i>et al.</i> , <i>J. Med. Chem.</i> , 29:2519-2524 (1986)		
	5	AUGELLI-SZAFRAN <i>et al.</i> , <i>Ann. Reports Med. Chem.</i> , 34:21-30 (1999)		
	6	AUSTEN <i>et al.</i> , <i>Biomed. Pept. Proteins Nucleic Acids</i> , 1:243-246 (1995)		
	7	BAHR <i>et al.</i> , <i>Experimental Neurology</i> , 129:81-94 (1994)		
	8	BALDWIN <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 90:6796-6800 (1993)		
	9	BEDNARSKI <i>et al.</i> , <i>J. Neurochem.</i> , 67(5):1845-1855 (1996)		
	10	BEDNARSKI <i>et al.</i> , <i>J. Neurosci.</i> , 17(11):4006-4021 (1997)		
	11	BEDNARSKI <i>et al.</i> , <i>NeuroReport</i> , 9:2089-2094 (1998)		
	12	BI <i>et al.</i> , <i>Exp. Neurol.</i> , 158:312-327 (1999)		
	13	BI <i>et al.</i> , <i>J. Comp. Neuro.</i> , 401:382-394 (1998)		
	14	BRAAK <i>et al.</i> , <i>Acta Neuropathol.</i> , 46:79-83 (1979)		
	15	CATALDO <i>et al.</i> , <i>Journal of Neuropathology and Experimental Neurology</i> , 55(6):704-715 (1996)		
	16	CATALDO <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 87:3861-3865 (1990)		
	17	CATALDO <i>et al.</i> , <i>Medical Sciences</i> , 88:10998-11002 (1991)		
	18	CATALDO <i>et al.</i> , <i>Brain Research</i> , 513:181-192 (1990)		
	19	CHEVALLIER <i>et al.</i> , <i>Brain Res.</i> , 750:11-19 (1997)		

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	20	CRAWFORD <i>et al.</i> , <i>Neurosci. Lett.</i> , 289(1):61-65 (2000), Medline Abstract 10899409		
	21	DREYER <i>et al.</i> , <i>Eur. J. Biochem.</i> , 224:265-271 (1994)		
	22	ESTUS <i>et al.</i> , <i>Ann. N.Y. Acad. Sci.</i> , 674:138-148 (1992)		
	23	GOODE <i>et al.</i> , <i>J. Cell Biol.</i> , 124:769-782 (1994)		
	24	HAQUE <i>et al.</i> , <i>J. Med. Chem.</i> , 42:1428-1440 (1999)		
	25	HAWLEY <i>et al.</i> , "The Condensed Chemical Dictionary," 1977, Van Nostrand, New York, page 822		
	26	HOFFMAN <i>et al.</i> , <i>Neuroscience Letters</i> , 250:75-78 (1998)		
	27	II <i>et al.</i> , <i>Virchows Archiv A Pathol Anat</i> , 423:185-194 (1993)		
	28	ISAHARA <i>et al.</i> , <i>Neuroscience</i> , 91(1):233-249 (1999)		
	29	JUPP <i>et al.</i> , <i>Biochem. J.</i> , 265:871-878 (1990)		
	30	KENESSEY <i>et al.</i> , <i>J. Neurochem.</i> , 69(5):2026-2038 (1997)		
	31	KICK <i>et al.</i> , <i>Chemistry &amp; Biology</i> , 4(4):297-307 (1997)		
	32	KICK <i>et al.</i> , <i>J. Med. Chem.</i> , 38:1427-1430 (1995)		
	33	KOSIK <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 83:4044-4088 (1986)		
	34	KOWALL <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 88:7247-7251 (1991)		
	35	KRAFFT <i>et al.</i> , <i>Methods Enzymol.</i> , 241:70-86 (1994)		

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	36	KREUTZBERG, <i>Arzneim.-Forsch./Drug Res.</i> 45(I), Nr. 3a, 357-360 (1995)		
	37	LAMB <i>et al.</i> , <i>Nature Genet.</i> , 5:22-29 (1993)		
	38	LEE <i>et al.</i> , <i>J. Am. Chem. Soc.</i> , 120:9735-9747 (1998)		
	39	LEE <i>et al.</i> , <i>Science</i> , 251:675-678 (1991)		
	40	LEVY-STRUMPF <i>et al.</i> , <i>Oncogene</i> , 17:3331-3340 (1998)		
	41	LINDWALL <i>et al.</i> , <i>J. Biol. Chem.</i> , 259(19):12241-12245 (1984)		
	42	MACKAY <i>et al.</i> , <i>Eur. J. Biochem.</i> , 244:414-425 (1997)		
	43	MANN <i>et al.</i> , <i>Neuropathol. Appl. Neurobiol.</i> , 13:123-139 (1987)		
	44	MATEO <i>et al.</i> , <i>Am. J. Med. Genet.</i> , 114(I):31-33 (2002), Medline Abstract PMID 11840502		
	45	MATSUI <i>et al.</i> , <i>Ann. Neurol.</i> , 49(4):544-545 (2001), Medline Abstract PMID 11310638		
	46	MATSUO <i>et al.</i> , <i>Neuron</i> , 13:989-1002 (1994)		
	47	MENZER <i>et al.</i> , <i>Am. J. Med. Genet.</i> , 105(2):179-182 (2001), Medline Abstract PMID 11304834		
	48	MULLAN <i>et al.</i> , <i>Nature Genet.</i> , 1:345-347 (1992)		
	49	MURPHY <i>et al.</i> , <i>J. Biol. Chem.</i> , 274(17):11914-11923 (1999)		
	50	NAKAMURA <i>et al.</i> , <i>Neurosci. Lett.</i> , 97:215-220 (1989)		
	51	NAKANISHI <i>et al.</i> , <i>Exp. Neurol.</i> , 126:119-128 (1994)		

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	52	NAKANISHI <i>et al.</i> , <i>J. Neurochem.</i> , 68:739749 (1997)		
	53	NIETO <i>et al.</i> , <i>J. Neurosci.</i> , 37(1):163-170 (1990)		
	54	OHSAWA <i>et al.</i> , <i>Arch. Histol. Cytol.</i> , 61(5):395-403 (1998)		
	55	OLSON <i>et al.</i> , "Annual Reports Med. Chem.", 35:31-40 (2000)		
	56	PEARSON <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 90:10578-10582 (1993)		
	57	PURPURA <i>et al.</i> , <i>Brain Res.</i> , 116:1-21 (1976)		
	58	ROBERG <i>et al.</i> , <i>Am. J. Pathol.</i> , 152(5):1151-1156 (1988)		
	59	SELKOE, <i>TINS</i> , 16(10):403-409 (1993)		
	60	WAGNER <i>et al.</i> , <i>J. Clinical Invest.</i> , 104:1329-1332 (1999)		
	61	WEINGARTEN <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 72(5):1858-1862 (1975)		
	62	WILEY <i>et al.</i> , <i>Med. Res. Rev.</i> , 13(3):327-384 (1993)		
	63	WILLIAMS, Jr. <i>et al.</i> , <i>Biochemistry</i> , 18:2499-2503 (1979)		
	64	WISCHIK <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 85:4506-4510 (1988)		
	65	YONG <i>et al.</i> , <i>Exp. Neurol.</i> , 157:150-160 (1999)		
	66	"Webster's New World Dictionary, College Ed.," no author listed, World Publishing, p. 946 (1962)		
	67	"Developments in the Treatment of Parkinson's Disease," <i>Drug and Ther. Bull.</i> , 35:36-40 (1997)		

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